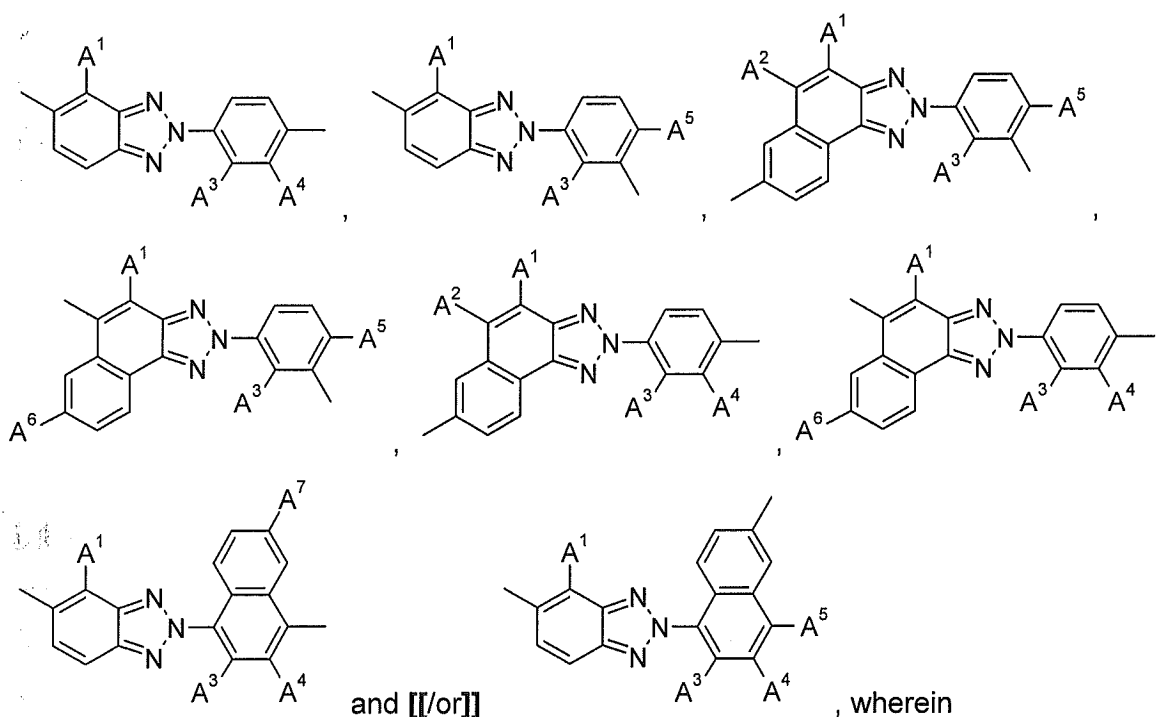


In the claims:

1-4. (cancelled)

5. (currently amended) A co-polymer comprising a first repeating unit of the formula at least one repeating unit selected from the group consisting of



A¹ is hydrogen, or C₁-C₁₈alkyl,

A² is hydrogen, or C₁-C₁₈alkyl,

A³ is hydrogen, or C₁-C₁₈alkoxy, or C₁-C₁₈alkyl,

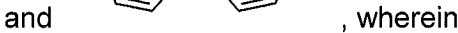
A⁴ is hydrogen, or C₁-C₁₈alkyl,

A⁵ is hydrogen, C₁-C₁₈alkyl, di(C₁-C₁₈alkyl)amino, or C₁-C₁₈alkoxy,

A⁶ is hydrogen, or C₁-C₁₈alkyl,

A⁷ is hydrogen, C₁-C₁₈alkyl or C₁-C₁₈alkoxy,

and at least one **[[an]]** additional repeating unit T which is selected from the group consisting of



q is an integer from 1 to 10,

s is an integer from 1 to 10,

R^{14} and R^{15} are independently of each other H, C_1 - C_{18} alkyl, C_1 - C_{18} alkyl which is substituted by E and/or interrupted by D, C_6 - C_{24} aryl, C_6 - C_{24} aryl which is substituted by G, or C_2 - C_{20} heteroaryl, C_2 - C_{20} heteroaryl which is substituted by G,

R^{16} and R^{17} are independently of each other H, C_1 - C_{18} alkyl, C_1 - C_{18} alkyl which is substituted by E and/or interrupted by D, C_6 - C_{24} aryl, C_6 - C_{24} aryl which is substituted by G, C_2 - C_{20} heteroaryl, or C_2 - C_{20} heteroaryl which is substituted by G, C_2 - C_{18} alkenyl, C_2 - C_{18} alkynyl, C_1 - C_{18} alkoxy, C_1 - C_{18} alkoxy which is substituted by E and/or interrupted by D, C_7 - C_{25} aralkyl, or $-CO-R^{28}$,

R^{18} is H; C_6 - C_{18} aryl; C_6 - C_{18} aryl which is substituted by C_1 - C_{18} alkyl, or C_1 - C_{18} alkoxy; C_1 - C_{18} alkyl; or C_1 - C_{18} alkyl which is interrupted by $-O-$;

R^{19} and R^{20} are independently of each other C_1 - C_{18} alkyl, C_1 - C_{18} alkyl which is substituted by E and/or interrupted by D, C_6 - C_{24} aryl, C_6 - C_{24} aryl which is substituted by G, C_2 - C_{20} heteroaryl, C_2 - C_{20} heteroaryl which is substituted by G, C_2 - C_{18} alkenyl, C_2 - C_{18} alkynyl, C_1 - C_{18} alkoxy, C_1 - C_{18} alkoxy which is substituted by E and/or interrupted by D, or C_7 - C_{25} aralkyl, or

R^{19} and R^{20} together form a group of formula $=CR^{100}R^{101}$, wherein

R^{100} and R^{101} are independently of each other H, C_1 - C_{18} alkyl, C_1 - C_{18} alkyl which is substituted by E and/or interrupted by D, C_6 - C_{24} aryl, C_6 - C_{24} aryl which is substituted by G, C_2 - C_{20} heteroaryl, or C_2 - C_{20} heteroaryl which is substituted by G, or

R^{19} and R^{20} form a ring, which can optionally be substituted, and

D is $-CO-$; $-COO-$; $-S-$; $-SO-$; $-SO_2-$; $-O-$; $-NR^{25}-$; $-SiR^{30}R^{31}-$; $-POR^{32}-$; $-CR^{23}=CR^{24}-$; or $-C\equiv C-$; and

E is $-OR^{29}$; $-SR^{29}$; $-NR^{25}R^{26}$; $-COR^{28}$; $-COOR^{27}$; $-CONR^{25}R^{26}$; $-CN$; $-OCOOR^{27}$; or halogen; G is E, or C_1 - C_{18} alkyl, wherein

R^{23} , R^{24} , R^{25} and R^{26} are independently of each other H; C_6 - C_{18} aryl; C_6 - C_{18} aryl which is substituted by C_1 - C_{18} alkyl, or C_1 - C_{18} alkoxy; C_1 - C_{18} alkyl; or C_1 - C_{18} alkyl which is interrupted by $-O-$; or

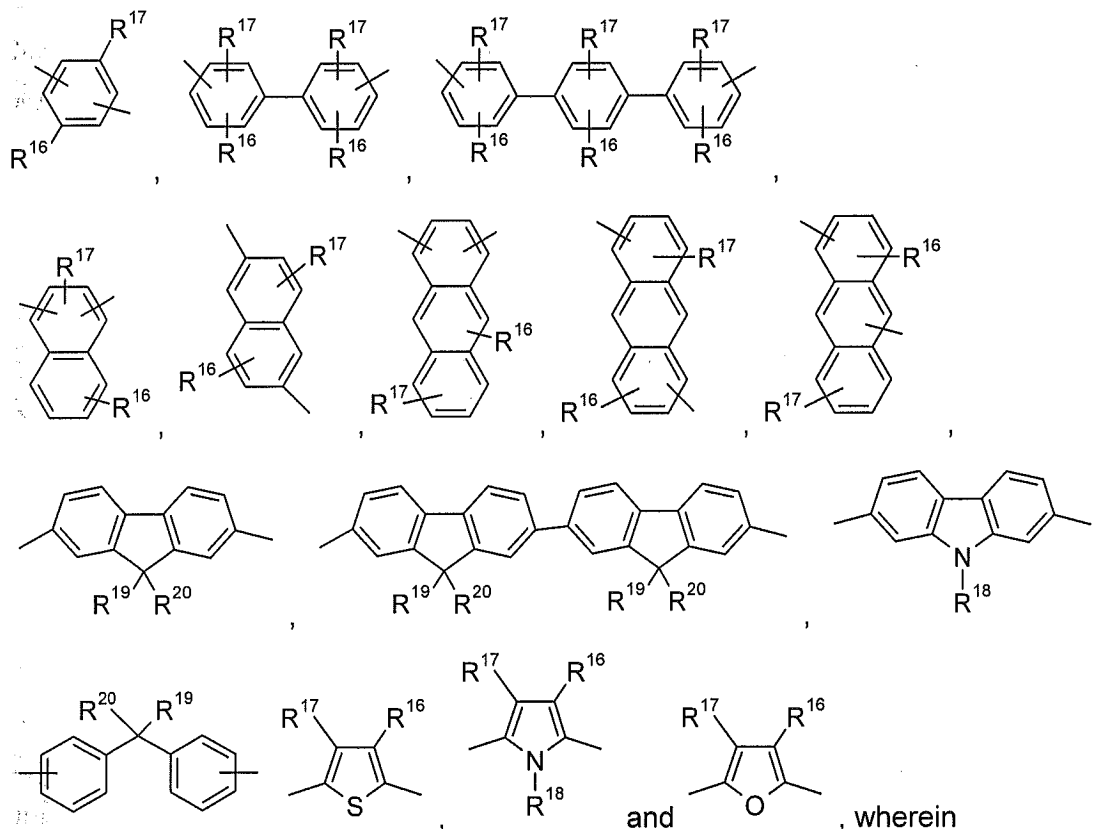
R^{25} and R^{26} together form a five or six membered ring, R^{27} and R^{28} are independently of each other H; C_6 - C_{18} aryl; C_6 - C_{18} aryl which is substituted by C_1 - C_{18} alkyl, or C_1 - C_{18} alkoxy; C_1 - C_{18} alkyl; or C_1 - C_{18} alkyl which is interrupted by $-O-$,

R^{29} is H; C_6 - C_{18} aryl; C_6 - C_{18} aryl, which is substituted by C_1 - C_{18} alkyl, or C_1 - C_{18} alkoxy; C_1 - C_{18} alkyl; or C_1 - C_{18} alkyl which is interrupted by $-O-$,

R^{30} and R^{31} are independently of each other C_1 - C_{18} alkyl, C_6 - C_{18} aryl, or C_6 - C_{18} aryl, which is substituted by C_1 - C_{18} alkyl, and

R^{32} is C_1 - C_{18} alkyl, C_6 - C_{18} aryl, or C_6 - C_{18} aryl, which is substituted by C_1 - C_{18} alkyl.

6. (previously presented) A co-polymer according to claim 5, wherein T is selected from the group consisting of

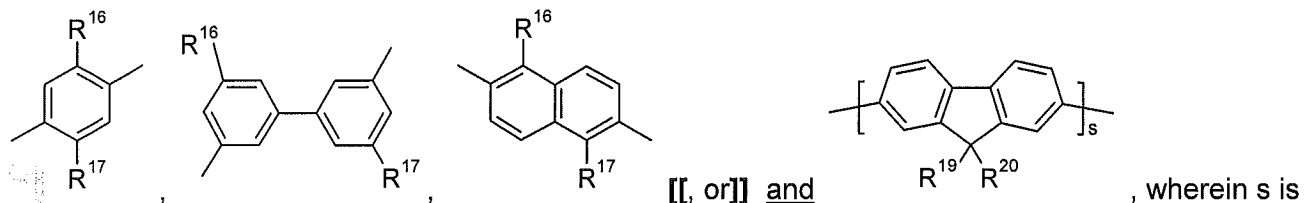


R^{18} is C_1 - C_{18} alkyl, and

R^{19} and R^{20} are independently of each other C_1 - C_{18} alkyl which can be interrupted by one or two oxygen atoms, or

R^{19} and R^{20} form a five or six membered carbocyclic ring, which optionally can be substituted by C_1 - C_4 alkyl.

7. (currently amended) A co-polymer according claim 5, [[as a]] comprising at least one additional repeating unit T in an amount up to 99.5 mol%, wherein ~~the sum of the first repeating unit(s) and the repeating unit(s) T is 100-mol%,~~ T is a group of formula selected from the group consisting of



one or two, R^{16} and R^{17} are independently of each other C_1 - C_{18} alkyl, which can be interrupted by one or two oxygen atoms, C_1 - C_{18} alkoxy, which can be interrupted by one or two oxygen atoms and R^{19}

and R²⁰ are independently of each other C₁-C₁₈alkyl, which can be interrupted by one or two oxygen atoms.

8-9. (cancelled)

10. (previously presented) An optical device or a component therefore, comprising a substrate and a polymer according to claim 5.

11. (original) An optical device according to claim 10, wherein the optical device comprises an electroluminescent device.

12. (previously presented) An optical device according to claim 11, wherein the electroluminescent device comprises

- (a) a reflective or transmissive anode
- (b) a reflective or transmissive cathode
- (c) an emissive layer comprising the polymer located between the electrodes, and optionally
- (d) a charge injecting layer for injecting positive charge carriers, and
- (e) a charge injecting layer for injecting negative charge carriers.

13-19. (cancelled).